

Converting Colors

YUV(94.6050, -37.7663,
26.6564)

Have a look what the booklet for
YUV(94.6050, -37.7663, 26.6564)
contains.

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Color

**YUV(94.6050, -37.7663,
26.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5E12
RGB	125, 94, 18
RGB Percent	49%, 37%, 7%
CMY	0.5098, 0.6314, 0.9294
CMYK	0.00, 0.25, 0.86, 0.51
HSL	43°, 75%, 28%
HSV	43°, 86%, 49%
XYZ	12.5693, 12.4091, 2.3050
YIQ	94.6050, 42.8720, -17.0640

Conversions

Conversions Part 2

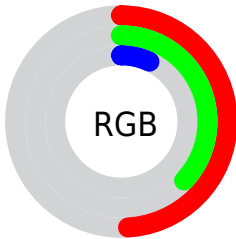
Format	Color
R_{YB}	62, 125, 18
Decimal	8216082
CIE _{Lab}	41.86, 5.35, 44.43
CIE _{LCh}	42, 44.751, 83.139
Y _{xy}	12.4091, 0.4607, 0.4548
Android (android.graphics.Color)	4286406162 (0xFF7D5E12)
YUV	94.6050, -37.7663, 26.6564
Hunter-Lab	35.2265, 2.0451, 20.7790

Details

The YUV color **94.6050, -37.7663, 26.6564** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48.3950, 37.7663, -26.6564**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5130, -38.2139, 30.2451**, and **49.7040, -24.5041, 19.5536** is the 20% darker color. If you saturate the color by 10%, you get **90.8890, -41.8503, 29.9153**, and if you desaturate by 10%, it is **98.4350, -33.2455, 23.2975**.

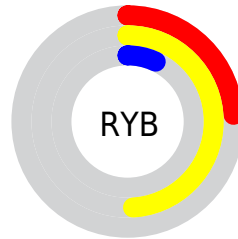
Distribution



Red (49%)

Green (37%)

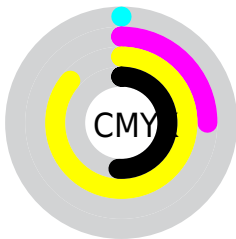
Blue (7%)



Red (24%)

Yellow (49%)

Blue (7%)

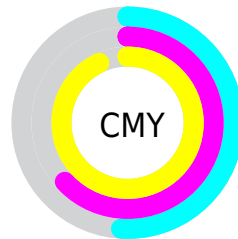


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6050, -37.7663, 26.6564 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 94.6050, -37.7663, 26.6564 by changing the saturation by 10% instead.

94.6050, -37.7663,
26.6564

94.6050, -37.7663,
26.6564

255.0000, 0.0000,
0.0000

70.9790, -34.9926,
23.6974

146.5130,
-38.2139, 30.2451

49.7040, -24.5041,
19.5536

173.8830,
-39.3823, 31.6746

30.1900, -14.8837,
13.8654

201.3670,
-40.1139, 33.0041

7.4530, -3.6743,
11.8807

225.5510,
-39.2186, 25.8268

0.0000, 0.0000,
0.0000

245.0650,
-35.5280, 8.7130

248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 94.6050, -37.7663,
26.6564

■ 94.6050, -37.7663,
26.6564

■ 90.8890, -41.8503,
29.9153

■ 98.4350, -33.2455,
23.2975

■ 89.6180, -44.1817,
31.0300

■ 101.5640,
-28.8721, 20.5534

■ 105.3940,
-24.3512, 17.1945

■ 108.5230,
-19.9778, 14.4503

■ 112.3530,
-15.4570, 11.0914

■ 116.0690,
-11.3730, 7.8325

■ 119.3120, -6.5628,
4.9884

■ 123.0280, -2.4788,
1.7294

■ 126.8580, 2.0420,
-1.6295

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0820, -27.6484, 48.1631



94.6050, -37.7663, 26.6564



91.2810, -33.1695, -1.1234

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6050, -37.7663, 26.6564



82.5700, 21.9040, -72.4139



101.8660, 20.2791, 29.0585

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



94.6050, -37.7663, 26.6564



48.3950, 37.7663, -26.6564

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.7450, 33.6497, -12.9314



94.6050, -37.7663, 26.6564



84.2290, 35.8761, -73.8688

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.6050, -37.7663, 26.6564



78.2380, 5.3057, -68.6147



81.2430, 44.7432, -71.2501



98.7200, 5.0680, 54.6196

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.6050, -37.7663, 26.6564



87.4830, -22.9161, -23.2256



81.2430, 44.7432, -71.2501



101.7550, 25.2638, 16.8779

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



94.6050, -37.7663, 26.6564



151.1680, -14.8728, 10.3767



53.6410, -1.7950, 62.5818



74.3400, -9.0416, 6.7178



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6050, -37.7663, 26.6564



116.8290, -57.5967, 40.4920



106.5230, -43.6418, -2.2127



62.0280, -2.4788, 1.7294



91.6890, -45.2027, 31.8447



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.3950, 37.7663, -26.6564



46.1710, 57.5967, -40.4920



36.4770, 43.6418, 2.2127



58.9720, 2.4788, -1.7294



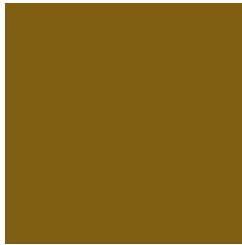
36.3110, 45.2027, -31.8447



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.6050, -37.7663, 26.6564 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 94.6050, -37.7663, 26.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

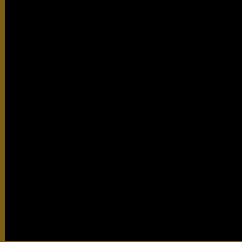
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.6050, -37.7663, 26.6564

Background



This preview shows how black text looks on a background with the YUV color 94.6050, -37.7663, 26.6564.



This preview shows how white text looks on a background with the YUV color 94.6050, -37.7663,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.6050, -37.7663, 26.6564

Protanopia

93.7670, -36.8601, 15.9903

Deuteranopia

94.6050, -37.7663, 26.6564



Tritanopia

100.9430, -3.4229, 24.6060

Trichromacy



Original Color

94.6050, -37.7663, 26.6564

Protanomaly

94.0880, -37.0184, 20.0938

Deuteranomaly

94.6050, -37.7663, 26.6564

Tritanomaly

98.6260, -16.0846, 25.7610

Monochromacy



Original Color

94.6050, -37.7663, 26.6564

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0970, -13.8518, 9.5619

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6050, -37.7663, 26.6564 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 94, 18)` looks like.

```
.text, #text, p{  
    color:rgb(125, 94, 18)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 94, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 94, 18) }
```

Border

The CSS property to change the border of an element to YUV 94.6050, -37.7663, 26.6564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 94, 18) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(125, 94, 18) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(125, 94, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 94, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 94, 18);  
box-shadow:4px 4px 4px 4px rgb(125, 94,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 94.6050, -37.7663, 26.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 94, 18) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125, 94,  
18) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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